



1 Fnb

S&H Form: (2/01)  
DOCKET NO. 1454.1701

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Ralf KRANNICH et al.

Serial No: 10/573,751

Group Art Unit: 1764

Confirmation No. 3824

Filed: March 29, 2006

Examiner: Unassigned

For: METHOD FOR ESTIMATING THE POSITION OF A SUBSCRIBER STATION OF A  
RADIO COMMUNICATION SYSTEM AND NETWORK DEVICE

**REQUEST FOR CORRECTED FILING RECEIPT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

It is requested that the second inventor's residence and the Assignment for Published Patent Application information on the Official Filing Receipt be corrected. The correct second inventor's residence is **Dallgow-Döberitz, Germany**. If the umlaut cannot be printed, the umlaut may be substituted by adding the letter "e" after the vowel it accents so the correct second inventor's residence may also be written **Dallgow-Doeberitz, Germany**. The correct Assignment for Published Patent Application information is **Siemens Aktiengesellschaft of München, Germany**. In this case, if the umlaut cannot be printed, Munich, the English translation of München, may be substituted.

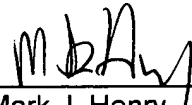
This information is evidenced by a copy of the executed Assignment and a copy of the executed Declaration, attached to the application as filed. For the convenience of the Patent and Trademark Office, attached is a photocopy of the original receipt on which the errors have been noted in red.

It is requested that a corrected Official Filing Receipt be issued in this application.

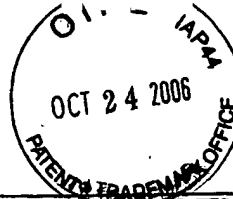
Respectfully submitted,

STAAS & HALSEY LLP

Date: Oct 24 2008

By:   
Mark J. Henry  
Registration No. 36,162

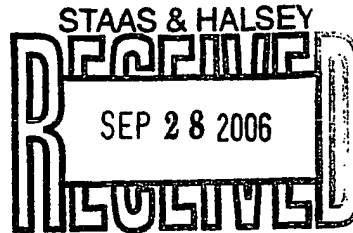
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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/573,751	03/29/2006	1764	900	1454.1701	2	18	2

 21171  
 STAAS & HALSEY LLP  
 SUITE 700  
 1201 NEW YORK AVENUE, N.W.  
 WASHINGTON, DC 20005


CONFIRMATION NO. 3824

## FILING RECEIPT



\*OC000000020504892\*

Date Mailed: 09/21/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**
 Ralf Krannich, Heiligenhaus, GERMANY;  
 Martin Kuipers, [Dallgow-Doberitz] GERMANY; -- Dallgow - Doberitz --  
 Kurt Majewski, Munich, GERMANY;
**Assignment For Published Patent Application**

SIEMENS AKTIENGESELLSCHAFT, [Munich] GERMANY -- München --

**Power of Attorney:** The patent practitioners associated with Customer Number 21171.
**Domestic Priority data as claimed by applicant**

This application is a 371 of PCT/EP04/51544 07/19/2004

**Foreign Applications**

GERMANY 103 45 224.9 09/29/2003

If Required, Foreign Filing License Granted: 09/20/2006

 The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/573,751**

Projected Publication Date: 12/28/2006

Non-Publication Request: No

**Early Publication Request:** No

**Title**

Method for estimating the position of a subscriber station of a radio communication system and network device

**Preliminary Class**

422

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Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

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- 1) Ralf KRANNICH
- 2) Martin KUIPERS
- 3) Kurt MAJEWSKI

2. Name and Address of receiving party(ies):

**SIEMENS AKTIENGESSELLSCHAFT**  
**Wittelsbacherplatz 2**  
**80333 Munich**  
**GERMANY**

3. Nature of conveyance:

<u>X</u>	Assignment	_____	Merger
___	Security Agreement	_____	Change of Name
___	Other: _____		

Execution Date(s): 1) February 28, 2006 and 2) and 3) March 1, 2006

4. Application number(s) or patent number(s):

☒ This document is being filed together with a new application.

OR

☐ This document is being filed after filing of the application:

(a) Patent Application No(s)\_, filed; or

(b) Patent No(s). , issued .

5. Name and address of party to whom correspondence concerning document should be mailed:

STAAS & HALSEY LLP

Our Docket: 1454.1701

Attention: Mark J. Henry

1201 New York Ave., N.W., 7th Floor

Washington, D.C. 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)

☒ Enclosed

☐ Authorized to be charged to deposit account.

8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)

(Attach duplicate copy of this page if paying by deposit account)

Mark J. Henry, Reg. No. 36,162  
Name of Person Signing

  
Signature

March 29 2006  
Date

Total number of pages including cover sheet: 5

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## ASSIGNMENT

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For good and valuable consideration, I/we, the undersigned

**Ralf Krannich**  
residing at:  
**Gustav-Heinemann-Str. 35**  
**42579 Heiligenhaus**  
**GERMANY**

**Martin Kuipers**  
residing at:  
**Johannesstr. 14**  
**14624 Dallgow-Döberitz**  
**GERMANY**

**Dr. Kurt Majewski**  
residing at:  
**Asamstr. 10**  
**81541 München**  
**GERMANY**

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hereby sell, assign, and transfer to

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a German corporation organized and existing under the laws of the Federal Republic of Germany, having its principal place of business in **München, GERMANY** herein the "Assignee", its successors, assigns and legal representatives the entire and exclusive right, title and interest in and for the United States, in all and to any improvements in the

(Title:) **METHOD FOR ESTIMATING THE POSITION OF A SUBSCRIBER STATION OF A RADIO COMMUNICATION SYSTEM AND NETWORK DEVICE**

disclosed in the PCT international application for Letters Patent designating the United States, said application being identified in our records as

Applicants File No. **2003P14958WOUS**  
and filed as PCT-application **PCT/EP2004/051544**

and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States on said improvements;

IDNR: 4248 / 08.02.2006

hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and

hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 28.02.2006

Ralf Kranich  
Ralf Kranich

Witnesses: Konrad Joas  
(type name) (Konrad Joas)

Witnesses: Thomas Starh  
(type name) (Thomas Starh)

Date: \_\_\_\_\_

\_\_\_\_\_  
Martin Kuipers

Witnesses: \_\_\_\_\_  
(type name)

Witnesses: \_\_\_\_\_  
(type name)

Date: \_\_\_\_\_

\_\_\_\_\_  
Dr. Kurt Majewski

Witnesses: \_\_\_\_\_  
(type name)

Witnesses: \_\_\_\_\_  
(type name)



hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and

hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: \_\_\_\_\_

\_\_\_\_\_  
Ralf Krannich

Witnesses: \_\_\_\_\_  
(type name)

Witnesses: \_\_\_\_\_  
(type name)

Date: 1.03.2006

  
\_\_\_\_\_  
Martin Kuipers

Witnesses: Frank Hibelgrand  
(type name)

Witnesses: Frank Hibelgrand  
(type name)

Witness Dr Heiko Schmitz  
Dr Heiko Schmitz

Date: \_\_\_\_\_

\_\_\_\_\_  
Dr. Kurt Majewski

Witnesses: \_\_\_\_\_  
(type name)

Witnesses: \_\_\_\_\_  
(type name)

hereby agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name and that when requested without charge to but at the expense of said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this agreement, the undersigned will execute all divisional, continuing substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements in said Assignee, its successors, assigns, and legal representatives; and

hereby covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: \_\_\_\_\_

\_\_\_\_\_  
Ralf KrannichWitnesses: \_\_\_\_\_  
(type name)Witnesses: \_\_\_\_\_  
(type name)

Date: \_\_\_\_\_

\_\_\_\_\_  
Martin KuipersWitnesses: \_\_\_\_\_  
(type name)Witnesses: \_\_\_\_\_  
(type name)Date: 1.7.2006Kurt Majewski  
Dr. Kurt MajewskiWitnesses: F. Hergert-Mückusch  
(type name)Witnesses: Peter Fige  
(type name)

# Declaration and Power of Attorney For Patent Application

## Erklärung Für Patentanmeldungen Mit Vollmacht

### German Language Declaration

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Als nachstehend benannter Erfinder erkläre ich hiermit an Eides Statt:

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My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Verfahren zur Positionsschätzung einer Teilnehmerstation eines Funkkommunikationssystems sowie Netzeinrichtung

METHOD FOR ESTIMATING THE POSITION OF A SUBSCRIBER STATION OF A RADIO COMMUNICATION SYSTEM AND NETWORK DEVICE

deren Beschreibung hier beigelegt ist, es sei denn (in diesem Falle Zutreffendes bitte ankreuzen), diese Erfindung

the specification of which is attached hereto unless the following box is checked:

☒ wurde angemeldet am 19.07.2004 unter der US-Anmeldenummer oder unter der Internationalen Anmeldenummer im Rahmen des PCT-Vertrags PCT/EP2004/051544 und am 01.02.2005 abgeändert (falls zutreffend).

☒ was filed on 19.07.2004 as United States Application Number or PCT International Application Number PCT/EP2004/051544 and was amended on February 1<sup>st</sup>, 2005 (if applicable).

Ich bestätige hiermit, dass ich den Inhalt der obigen Patentanmeldung einschliesslich der Ansprüche, die eventuell durch einen Zusatzantrag wie oben erwähnt abgeändert wurde, durchgesehen und verstanden habe.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

Ich erkenne meine Pflicht zur Offenbarung jeglicher Informationen an, die zur Prüfung der Patentfähigkeit in Einklang mit Titel 37, Code of Federal Regulations, § 1.56 von Belang sind.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

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IDNR: 2590 / 28.11.2005

## German Language Declaration

Prior foreign applications  
Priorität beansprucht

Priority Claimed

10345224.9DE29.09.2003☒☐

(Number)

(Country)

(Day Month Year Filed)

Yes

No

(Nummer)

(Land)

(Tag Monat Jahr eingereicht)

Ja

Nein

(Number)

(Country)

(Day Month Year Filed)

☐☐

(Nummer)

(Land)

(Tag Monat Jahr eingereicht)

Yes

No

(Number)

(Country)

(Day Month Year Filed)

☐☐

(Nummer)

(Land)

(Tag Monat Jahr eingereicht)

Yes

No

(Number)

(Country)

(Day Month Year Filed)

☐☐

(Nummer)

(Land)

(Tag Monat Jahr eingereicht)

Yes

No

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I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

PCT/EP2004/05154419.07.2004anhängigpending

(Application Serial No.)

(Filing Date D, M, Y)

(Status)

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(Anmeldedatum T, M, J)

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Page 2

### German Language Declaration

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Customer No. 21171

And I hereby appoint

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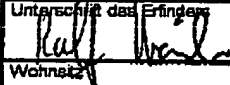
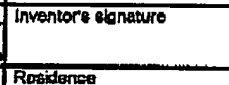
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or

Customer No. 21171

<b>Voller Name des einzigen oder ursprünglichen Erfinders:</b> <b>Ralf Krannich</b>	<b>Full name of sole or first inventor:</b> <b>Ralf Krannich</b>
<b>Unterschrift des Erfinders</b> 	<b>Inventor's signature</b> 
<b>Datum</b> <b>28.02.2006</b>	<b>Date</b> 
<b>Wohnsitz</b> <b>Heiligenhaus, GERMANY</b>	<b>Residence</b> <b>Heiligenhaus, GERMANY</b>
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<b>Postanschrift</b> <b>Gustav-Heinemann-Str. 35</b>	<b>Post Office Address</b> <b>Gustav-Heinemann-Str. 35</b>
<b>42579 Heiligenhaus</b> <b>GERMANY</b>	<b>42579 Heiligenhaus</b> <b>GERMANY</b>
<b>Voller Name des zweiten Miterfinders (falls zutreffend):</b> <b>Martin Kuipers</b>	<b>Full name of second joint inventor, if any:</b> <b>Martin Kuipers</b>
<b>Unterschrift des Erfinders</b> 	<b>Inventor's signature</b> 
<b>Datum</b> 	<b>Date</b> 
<b>Wohnsitz</b> <b>Dallgow-Döberitz, GERMANY</b>	<b>Residence</b> <b>Dallgow-Döberitz, GERMANY</b>
<b>Staatsangehörigkeit</b> <b>DE</b>	<b>Citizenship</b> <b>DE</b>
<b>Postanschrift</b> <b>Johannesstr. 14</b>	<b>Post Office Address</b> <b>Johannesstr. 14</b>
<b>14624 Dallgow-Döberitz</b> <b>GERMANY</b>	<b>14624 Dallgow-Döberitz</b> <b>GERMANY</b>

(Bitte entsprechende Informationen und Unterschriften im Falle von dritten und weiteren Miterfindern angeben).

(Supply similar information and signature for third and subsequent joint inventors).

## German Language Declaration

**VERTRETUNGSVOLMACHT:** Als benannter Erfinder beauftrage ich hiermit den (die) nachstehend aufgeführten Patentanwalt (Patentanwälte) und/oder Vertreter mit der Verfolgung der vorliegenden Patentanmeldung sowie mit der Abwicklung aller damit verbundenen Angelegenheiten vor dem US-Patent- und Markenamt (Name(n) und Registrationsnummer(n) auflisten)

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: (list name and registration number)

Customer No. 21171

And I hereby appoint

Telefongespräche bitte richten an:  
(Name und Telefonnummer)

Direct Telephone Calls to: (name and telephone number)

Ext. \_\_\_\_\_

Postanschrift:

Send Correspondence to:

**Staas & Halsey LLP Intellectual Property Attorneys**  
1201 New York Avenue, NW, Suite 700 20005 Washington UNITED STATES OF AMERICA  
Telephone: (001) 202 434 1500 and Facsimile (001) 202 434 1501  
or  
**Customer No. 21171**

Voller Name des einzigen oder ursprünglichen Erfinders: <b>Ralf Krannich</b>		Full name of sole or first inventor: <b>Ralf Krannich</b>	
Unterschrift des Erfinders	Datum	Inventor's signature	Date
Wohnsitz <b>Heiligenhaus, GERMANY</b>		Residence <b>Heiligenhaus, GERMANY</b>	
Staatsangehörigkeit <b>DE</b>		Citizenship <b>DE</b>	
Postanschrift <b>Gustav-Heinemann-Str. 35</b>		Post Office Address <b>Gustav-Heinemann-Str. 35</b>	
<b>42579 Heiligenhaus</b>		<b>42579 Heiligenhaus</b>	
<b>GERMANY</b>		<b>GERMANY</b>	
Voller Name des zweiten Mitfinders (falls zutreffend): <b>Martin Kuipers</b>		Full name of second joint inventor, if any: <b>Martin Kuipers</b>	
Unterschrift des Erfinders <i>Kuipers</i>	Datum <b>1.3.2006</b>	Inventor's signature	Date
Wohnsitz <b>Dallgow-Döberitz, GERMANY</b>		Residence <b>Dallgow-Döberitz, GERMANY</b>	
Staatsangehörigkeit <b>DE</b>		Citizenship <b>DE</b>	
Postanschrift <b>Johannesstr. 14</b>		Post Office Address <b>Johannesstr. 14</b>	
<b>14624 Dallgow-Döberitz</b>		<b>14624 Dallgow-Döberitz</b>	
<b>GERMANY</b>		<b>GERMANY</b>	

(Bitte entsprechende Informationen und Unterschriften im Falle von dritten und weiteren Mitfindern angeben).

(Supply similar information and signature for third and subsequent joint inventors).

Voller Name des dritten Miterfinders:		Full name of third joint inventor:	
Dr. Kurt Majewski		Dr. Kurt Majewski	
Unterschrift des Erfinders	Datum	Inventor's signature	Date
<i>Kurt Majewski</i>	1.3.2006		
Wohnsitz		Residence	
München, GERMANY		München, GERMANY	
Staatsangehörigkeit		Citizenship	
DE		DE	
Postanschrift		Post Office Address	
Asamstr. 10		Asamstr. 10	
81541 München		81541 München	
GERMANY		GERMANY	
Voller Name des vierten Miterfinders:		Full name of fourth joint inventor:	
Unterschrift des Erfinders		Inventor's signature	
Datum		Date	
Wohnsitz		Residence	
Staatsangehörigkeit		Citizenship	
Postanschrift		Post Office Address	
Voller Name des fünften Miterfinders:		Full name of fifth joint inventor:	
Unterschrift des Erfinders		Inventor's signature	
Datum		Date	
Wohnsitz		Residence	
Staatsangehörigkeit		Citizenship	
Postanschrift		Post Office Address	
Voller Name des sechsten Miterfinders:		Full name of sixth joint inventor:	
Unterschrift des Erfinders		Inventor's signature	
Datum		Date	
Wohnsitz		Residence	
Staatsangehörigkeit		Citizenship	
Postanschrift		Post Office Address	

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